

# Bronz-Glow® Product Data

## SPC-Tinted

*Flexible, Highly Durable Single Component Coating for Steel, Pipe, Concrete (SPC) & More*

**CORROSION PROTECTION FROM:** Environments containing heavy moisture concentrations, salt air/spray, acid rain, chlorine, muriatic acid fumes, ammonia, H<sub>2</sub>S fumes, sulfuric acid fumes, methane fumes, most other aggressive acids and alkali.

**COATING RECOMMENDATIONS:** Corrosion protection for virtually any type of substrate material exposed to extreme corrosive environments such as those found in waste- water treatment plants, paper mills, any type of coastal installation, food processing facilities, refineries, off shore facilities, chemical plants, medical facilities, pharmaceutical plants, steel mills, mining facilities etc.

### **BENEFITS:**

- Provides corrosion resistance across the entire pH Range (1.0 to 14.0)
- Impermeable to moisture when applied 12 to 15 dft (dry film thickness)
- Single component convenience and savings
- Applicable to virtually any type of surface
- Safe for all non-food contact surfaces
- Easy to apply by spray, dip, roll or brush application
- Bonds to metals, wood, concrete, glass, plastics, fiberglass etc.
- Contains a 10-year Florida sun UV inhibitor



**DESCRIPTION:** This unique air-dry coating provides durable surface protection in harsh environments where other coatings and paints fail. Dries to touch in minutes and fully cures in 24 hours. Formulated with a synthetic resin base, at 12-15 mils dry thickness SPC provides virtually total moisture resistance even from harsh alkaline and acidic solutions.

### **COATING CHARACTERISTICS:**

Solids: (wt) 28%	Stone Abrasion: Excellent (ASTM D-3170)
Tensile: 2,500 psi (ASTM D-638)	Weather ability: Excellent (ASTM G-53) 7-10 yrs.
Permeability: 03 grains / sq. ft. /hr	Finish: Semi-gloss
Temperature use range: -30 to 220° F	Viscosity range: 85 – 95 K.V. @ 77 degrees F.
Shelf life: 1 year @ 77° F	Elongation: 230% (ASTM D-2370-82)
VOC lbs. per gallon: 4.8 - 5.1	Cut Resistance: Very Good (ASTM D-1044)
Salt Spray 2,000 hrs (ASTM B-117.85)	Dielectric Strength: 1.400 / mil (ASTM D-149)
Gas Chromatography Test (FID) No evidence of residual solvent vapors	

**AVAILABLE COLORS:** C-119 Light Gray, C-3 Orange, C-168 Dark Gray, C-162 Beige, C-339 Redwood, C-196 Brown, C-444 Green

**COVERAGE RATE:** 150 sq. ft. per gallon @ 5 mils dft (dry film thickness)  
(cover rate may vary based on weather conditions)

**PACKAGING:** 5 gallon pails, 50 gallon drums

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## *Bronz-Glow's SPC-Tinted Technical Data*

### **Surface Preparation:**

- Remove all traces of oil, grease, rust, dirt and dust
- Sandblast or roughen surfaces to improve adhesion
- Remove all loosened residue, wipe or rinse clean
- Prime with Bronz-Glow's Husky 150 or 300 Primer

### Preparing Surfaces Exposed to High Salt Conditions

- Sandblast or wire brush metal surfaces to remove all rust and oxides
- Pressure wash with a free-rinsing, high pH cleaner
- Pressure rinse with clean water
- Pressure wash with a low pH cleaner to reduce pH to 5.0-7.0
- Allow to dry thoroughly
- Prime with Bronz-Glow's Husky 150 or 300 Primer

### Preparing Steel Surfaces

- Abrasive blast to SSPC SP-5/NACE No. 1 or Swedish Standard 3.
- Remove loosened residue
- Prime with Bronz-Glow's Husky 150 or 300 Primer

### **Preparing Concrete Surfaces**

- Clean, abrasive blast, or etch with 10 per cent muriatic acid
- Prime with Bronz-Glow's Husky 150 or 300 Primer

### **RECOMMENDED EQUIPMENT AND SETTINGS:**

#### *Conventional and Air Assist Spray Equipment*

Gun:	Binks Model 2001 gun
Nozzle:	63B
Cap:	63PB or 66SD-3 for heavier build-up. (Do not dilute)
Needle:	363A
Material:	25-30 psi
Atomization:	25-40 psi
Dilution:	Not required
Clean-up:	Husky 15 Reducer

#### *Airless Spray Equipment*

Tip Sizes:	.010-.015
Pressure:	As needed
Dilution:	As required
Surface Test:	Painted surfaces may lift. Test a small area before applying over any pre-painted finish

Always provide ventilation and use approved personal safety protection when handling or applying coatings. For more detailed information, call, email, or visit our web site

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